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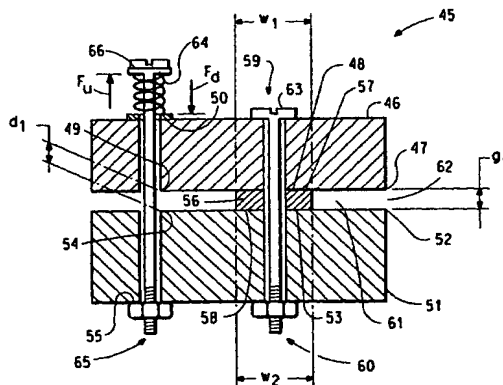
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(54) Title: SLOT DIE



(57) Abstract: This invention relates to a slot die for forming a coating. More particularly, this invention relates to a die comprising a first plate (46) having a first lip (47), a first location (48), and a second location (49) where the first location (48) is between the second location (49) and the first lip (47); a second plate (51) having a second lip (52), a third location (53), and a fourth location (54) where the third location (53) is between the fourth location (54) and the second lip (52); the second location (49) of the first plate (46) being a distance away from the fourth location (54) of the second plate (51); and a shim (56) having a top seat (57) and a bottom seat (58); the top seat (57) of the shim (56) contacting the first plate (46) at the first location (48) and the bottom seat (58) of the shim (56) contacting the second plate (51) at the third location (53), so as to form a slot (61) in the die (45) which terminates at an orifice (62) and is bounded at the orifice by the first (47) and second lips (52), the first (47) and second lips (52) having a gap there between, the gap having a size (G1); a means for adjustably connecting the first plate (46) to the second plate (51) at the second location (49) and the fourth location (54) such that the size of the gap (G1) between the first (47) and second lips (52) is adjustable by adjusting the distance between the second location (49) of the first plate (46) and the fourth location (54) of the second plate (51).

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